

IN THE CLAIMS:

Please amend the claims as follows:

1 (currently amended). A tunable laser, comprising:

a temperature controlled sled;

an etalon;

~~an actuator to drive a tuning element of a tunable laser;~~

a multiple bandwidth mode controller comprising a high bandwidth mode and a lower bandwidth mode,

said controller to initially drive said etalon ~~actuator~~ in said high bandwidth mode for a coarse tuning adjustment and switch to said lower bandwidth mode to drive said temperature controlled sled for fine tuning adjustment when an error signal associated with a target frequency is within a threshold range.

Claims 2-7 (cancelled)

8 (original). The tunable laser as recited in claim 1 wherein said controller in said high bandwidth mode comprises a Bang Bang controller or an open loop controller.

Claims 9-14 (cancelled)

15 (currently amended). A system, comprising:

an external cavity diode laser (ECDL);

a temperature controlled sled to tune the ECDL;

an etalon to tune the ECDL;

~~an actuator to drive a tuning element of said ECDL;~~

a multiple bandwidth mode controller comprising a high bandwidth mode for seeking a new target frequency and a lower bandwidth mode for tracking the target frequency,

said controller to initially drive said etalon ~~actuator~~ in said high bandwidth mode for course tuning adjustments and then in said lower bandwidth mode to drive said temperature controlled sled for fine tuning adjustments when an error signal associated with a target frequency is within a threshold range.

Claims 16-21 (cancelled).

22 (original). The system as recited in claim 15 wherein said controller comprises a Bang-Bang controller or other open loop controller in said high bandwidth mode.

Claim 23 (cancelled).